ABSTRACT

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A method of storing solutions of reduced glutathione for extended periods of time, by dissolving reduced glutathione in an aqueous medium having a pH of between 5.0 and 8.0 to produce a reduced glutathione solution; reducing the temperature of the reduced glutathione solution to a predetermined temperature which is sufficiently low to prevent oxidative dimerization of glutathione without freezing the aqueous medium; and storing the reduced glutathione solution at the predetermined temperature.